

# LFR SCORING CRITERIA

## Design Bonus:

1. Hand-Made Chassis	10 Points
2. Hand-Made Sensor	10 Points

## Design Penalty

5 points / cm

N.B. Height: Maximum 15 cm, Length: Maximum 20 cm, Width: Maximum 20 cm

## Track Run:

Leaving Start Zone	10 Points
Crossing each checkpoint	50 Points
Stopping at the Finish zone	50 Points
Complete without Restart	20 Points
Avoiding the Obstacle	80 Points

## Penalty:

Each Restart	50 Points
Touching the Obstacle	50 Points

## Timing Criteria:

$$\text{Timer point} = T_{total} - T_{calculated}$$

Here,

$T_{total}$  = Total assigned time in seconds. For Primary round, it is 240 and for Final round, it is 300.

$T_{calculated}$  = The total time taken by a team to complete the task.